

---

FIFTY-FIFTH

---

# ANNUAL CONVOCATION

PART I



*Northern Alberta Jubilee Auditorium*

---

MAY, 1965

---

## THE PRESENTATION

The Dean of the Faculty of Arts asks the candidates for degrees to rise, and presents them with these words:

"Eminent Chancellor and President, on behalf of the Faculties, I present to you these scholars and ask that they be pledged and admitted to the degrees to which they are entitled."

## THE PLEDGE

The President, then rising, addresses the candidates in these words:

"Do you promise faithfully to observe and loyally to maintain the statutes, customs, privileges and liberties of this your University? Do you pledge your honor that when you become a member of Convocation you will vote only for those whom you surely know or firmly believe to be fit and proper persons to share in the government of this University? Do you solemnly promise to conduct yourself in all things loyally and faithfully to the honor of your University, the encouragement of learning and the good of your country?"

Each candidate replies: "These things I pledge myself to do."

## THE ADMISSION

The Chancellor then addresses the candidates in these words:

"By virtue of the authority vested in me by the Legislature of this Province, and with the consent of this University, I admit you to the degrees to which you are entitled, and invest you with all the powers, rights and privileges pertaining to such degrees, and I charge you to use them for the glory of God and honor of your country."

Candidates then sit down.



# *University of Alberta*

---

PART ONE

of the

FIFTY-FIFTH ANNUAL CONVOCATION

for the

CONFERRING OF DEGREES



TWO O'CLOCK, FRIDAY AFTERNOON

MAY THE TWENTY-EIGHTH

NINETEEN HUNDRED AND SIXTY-FIVE

NORTHERN ALBERTA JUBILEE AUDITORIUM

EDMONTON, ALBERTA

# *Program*

---

## ACADEMIC PROCESSION

---

## O CANADA

---

## THE INVOCATION

Reverend E. J. Thompson, M.A., B.D., Ph.D., D.D.

---

## REPORT OF THE PRESIDENT TO CONVOCATION

---

## CONFERRING OF HONORARY DEGREE OF DOCTOR OF LAWS

Henry Alexander Dyde, O.B.E., M.C., C.D., Q.C., B.A., B.C.L.

Presented by Dr. Stanley H. McCuaig

Air Chief Marshal Frank Robert Miller, C.B.E., C.D., B.Sc.

Presented by Dr. B. E. Riedel

Chester Alvin Ronning, B.Sc., M.A., LL.D.

Presented by Dr. G. F. McNally

---

## CONVOCATION ADDRESS

Chester A. Ronning

---

## VALEDICTORY ADDRESS

John Andrew Brook

---

## CONFERRING OF DEGREES

The Presentation

The Pledge

The Admission

---

## GOD SAVE THE QUEEN

---

## RECESSION

---

Music by the Regimental Band of the Princess Patricia's Canadian Light Infantry under the direction of Lieut. G. C. Naylor, Mus.B., F.T.C.L., G.R.S.M., A.R.C.M., L.R.A.M.



# *Awards*

## AWARDS TO GRADUATING STUDENTS

### THE FACULTY OF ARTS

#### *The Governor General's Gold Medal*

Graeme Donald McDonald, Edmonton

#### *The Dr. John Macdonald Gold Medal in Arts*

Gertrude Rose Govier, Calgary

### THE FACULTY OF BUSINESS ADMINISTRATION AND COMMERCE

#### *The T. Eaton Company Gold Medal in Commerce*

Brian Stuart Ekstrom, Calgary

### THE FACULTY OF ENGINEERING

#### *The Henry Birks and Sons, Limited Gold Medal*

David Arthur Wright, Edmonton

#### *The Association of Professional Engineers of Alberta Gold Medals*

In Chemical Engineering: Robert Gordon Moore, Seebe

In Civil Engineering: John Douglas Roberts, Calgary

In Electrical Engineering: Ronald Allen Winter, Edmonton

In Engineering Physics: David Arthur Wright, Edmonton

In Mechanical Engineering: Robert Barry Dunbar, Calgary

In Metallurgical Engineering: Reginald Thor Hamilton, Edmonton

In Mining Engineering: Not awarded

#### *The Society of Chemical Industry Merit Award*

John Kindelan Donnelly, Calgary

#### *The Canadian Construction Association Essay Prize*

Eric George A. Henderson, Edmonton

#### *The Northern Alberta Branch of the Canadian Institute of Mining and Metallurgy Prizes*

Mining: Not awarded

Metallurgy: Gary Wayne Dallin, Edmonton

Geology: Ronald Kort Netolitzky, Edmonton

Petroleum: Not awarded

#### *The Jessie E. Paull Memorial Prize*

Rodney Alexander Heise, Edmonton

#### *The Prize in Eng. P. 459*

John Grant Rae, Picture Butte

*Webb Memorial Student Paper Competition*

First: Richard Morris Bennett, Spring Coulee

Second: Herbert Edward Bromley, Calgary

**THE SCHOOL OF HOUSEHOLD ECONOMICS**

*The Warren W. and Ida E. Prevey Memorial Medal in Household Economics*

Phyllis Anne Woodford, Warner

*The Russell Food Equipment Limited Scholarship*

Elaine Klipper, Edmonton

*The Lorena Barfoot Prize*

Elaine Klipper, Edmonton

**THE FACULTY OF SCIENCE**

*The Lieutenant Governor's Gold Medal*

Brian Douglas Sykes, Edmonton

*The Dean's Gold Medal in Science*

Nancy May Molen, Edmonton

*The Hamilton Watch Company Award*

Dorothy Rae Tovell, Vermilion

**GENERAL AWARDS**

*The German Academic Exchange Scholarship*

Henry Hubert, Coaldale

*The German Academic Exchange Scholarship (through W.U.S.)*

Claire M. R. Fraser, Edmonton

*The J. M. MacEachran Essay Prizes*

First: Beverly M. Gietz, Pincher Creek and Graeme McDonald, Edmonton (equal)

Second: John O. Thompson, Millet

Third: Bruce D. Ferrier, Edmonton

**AWARDS IN DEPARTMENTS**

**BIOCHEMISTRY**

*The Society of Chemical Industry Merit Award*

Dorothy Rae Tovell, Vermilion

**BOTANY**

*The J. E. Olsen Prize*

Richard Henry Hillson, Edmonton

**CHEMISTRY**

*The Professor Osman James Walker Memorial Scholarship*

Donald Alfred Hames, Marwayne



*The Cave and Company Ltd. Scholarship in Chemistry*

Walter John Quiring, Edmonton

*The Society of Chemical Industry Merit Award*

Brian Douglas Sykes, Edmonton

#### CLASSICS

*The Ahepa Prize in Greek*

Robert William Engley, Edmonton

*The Monica Jones Aamodt Prize in Classics 354*

William Wylie Thom, Edmonton

#### ECONOMICS

*The Duncan Alexander MacGibbon Gold Medal in Economics*

Not awarded

#### ENGLISH

*The Rutherford Memorial Gold Medal*

Peter W. Menzel, Edmonton

*The F. M. Salter Memorial Scholarship in Renaissance Literature*

Adriana Theresa Albi, Edmonton

*The James Patrick Folinsbee Prize*

James Joseph Pasnak, Edmonton

*The Samuel Richard Hosford Memorial Prize*

Adriana Theresa Albi, Edmonton

#### ENTOMOLOGY

*The Entomological Society of Alberta Prize*

David John Larson, Lethbridge

*The Canadian Association of Geographers' Book Prize*

Stuart Reginald Loomis, Edmonton

#### GEOLOGY

*The Association of Professional Engineers of Alberta Gold Medal in Geology*

Not awarded

*The George E. Cole Memorial Prize in Economic Geology*

Robert James Swanston, Wainwright

#### HISTORY

*The John Henry Stanley Memorial Prize*

Kenneth Cameron Dewar, Edmonton

*The Gordon Stanley Fife Memorial Prize*

Brian William Dippie, Edmonton

*The A. L. Burt Prize*

Ronald Glenn Bumstead, Edmonton

*The Trenholme Dickson and Letitia Dickson Prize*

Perry Rand Dyck, Balzac

**MATHEMATICS**

*The A. Wyman Memorial Gold Medal in Mathematics*

Lorne Wayne Jackson, Edmonton

**MUSIC**

*The Eva Shaw Memorial Prize in Music*

John Edward Butler, Edmonton

**PHILOSOPHY**

*The MacEachran Gold Medal in Philosophy*

John Andrew Brook, Edmonton

**PHYSICS**

*The Sam Fefferman Memorial Gold Medal in Honors Physics*

Not awarded

*The Association of Professional Engineers of Alberta Gold Medal in Geophysics*

Robert James Swanston, Wainwright

**POLITICAL SCIENCE**

*The Duncan Alexander MacGibbon Gold Medal in Political Science*

Perry Rand Dyck, Balzac

**PSYCHOLOGY**

*The MacEachran Gold Medal in Psychology*

Not awarded

**ROMANCE LANGUAGES**

*The Bronze Medal in French*

Adriana Theresa Albi, Edmonton

**SLAVONIC LANGUAGES**

*The Ukrainian Canadian Committee Scholarship*

Walter Meley Snihurowych, Edmonton

**SOCIOLOGY AND ANTHROPOLOGY**

*The Samuel M. Strong Gold Medal and Prize in Sociology*

Not awarded

**UNIVERSITY OF ALBERTA FIRST CLASS STANDING PRIZES**

*Faculty of Arts*

*Honor Programs*

**Fourth Year:**

J. Andrew Brook, Edmonton  
Perry R. Dyck, Balzac

Beverly M. Gietz, Pincher Creek  
Judith L. Kales, Edmonton



Graeme D. McDonald, Edmonton  
Peter W. Menzel, Edmonton  
Ormond S. Mitchell, Edmonton  
James M. Moscovich, Lethbridge

Henry D. Rempel, Edmonton  
Ruth C. Rodger, Edmonton  
Edward E. Simbalist, Edmonton  
Catherine A. Wilson, Edmonton

#### *General Programs*

##### *Third Year:*

Adriana T. Albi, Edmonton  
Donald E. Blake, Whitby, Ont.  
Grace V. Cosens, Morrin  
Barbara J. Elliott, Brantford, Ont.  
Veldon J. Ferns, Calgary  
Gertrude R. Govier, Calgary

Elizabeth M. Moffet, Red Deer  
Dennis S. O'Connell, Lethbridge  
Albert L. Oldford, Edmonton  
Nicholas S. F. Skinner, Medicine Hat  
William W. Thom, Edmonton

#### *Faculty of Business Administration and Commerce*

##### *Fourth Year:*

Hugh L. Chamberlain, Vancouver,  
B.C.  
Brian S. Ekstrom, Calgary

Robert A. Farmer, Edmonton  
Robert J. H. Sanderman, Edmonton

#### *Faculty of Engineering*

##### *Fourth Year:*

Fabian W. Anderson, Calgary  
Gerard de Vries, High River  
John D. Duffin, Midnapore  
Robert B. Dunbar, Calgary  
Heinz E. Frank, Edmonton  
Douglas G. MacKenzie, Calgary

Gerald R. Penner, Calgary  
Alexander Semeniuk, Evansburg  
Ellen A. Sprinkle, Monarch  
Ronald A. Winter, Edmonton  
David A. Wright, Edmonton

#### *School of Household Economics*

##### *Third Year:*

None

#### *Faculty of Science*

##### *Honor Programs*

##### *Fourth Year:*

Michael Aleksziuk, Grassland  
Robert E. J. Bichler, Vauxhall  
Phyllis A. Dandell, Red Deer  
Lorne L. N. Evernden, Lethbridge  
Patricia E. Gander, Edmonton  
Lorne W. Jackson, Edmonton  
Michael R. W. Kervin, Edmonton  
Stuart R. Loomis, Edmonton  
Sylvia A. Malm, Calgary

Eldon B. Priestley, Edmonton  
David M. Rosenberg, Edmonton  
Gilbert A. Schultz, Hay Lakes  
Brian D. Sykes, Edmonton  
Jerry A. Takacs, Edmonton  
Morris F. Tchir, Edmonton  
Dorothy R. Tovell, Vermilion  
John D. Van Dyke, Edmonton  
Kenneth W. Welsh, Milk River

#### *General Programs*

##### *Third Year:*

Allan I. Aizenman, Calgary  
Gail M. Anderson, Lethbridge  
Edwin P. Hutsal, Boyle

Denis S. Loiselle, Athabasca  
Nancy M. Molen, Edmonton

### **EXTRA-CURRICULAR AWARDS**

#### *Lorne Calhoun Memorial Award*

J. Andrew Brook, Edmonton

#### *The Joseph Dolson Oliver Mothersill Memorial Award*

Women: D. Lorraine Jeandron, Edmonton



## GRADUATE AWARDS

The following awards are open in two or more Fields of Study:

### *University of Alberta Graduate Fellowship*

Kenneth Piers, Edmonton (Chemistry)

### *University of Alberta Dissertation Fellowships*

- Robert G. Beck, Edmonton (Economics)  
William N. Blake, Edmonton (Educational Foundations)  
Elizabeth Bruce, Edmonton (English)  
James A. Dainard, Edmonton (Romance Languages)  
George Darewych, Edmonton (Physics)  
Allan E. Earl, Edmonton (Chemistry)  
Marilynn Faulkner, Edmonton (Mathematics)  
Leslie R. Gue, Edmonton (Educational Administration)  
Neil Malcolm, Edmonton (Dairy and Food Science)  
Robert A. Melvin, Pierson, Manitoba (Political Science)  
Raymond A. Miller, Edmonton (Plant Science)  
Martin Muldoon, Ireland (Mathematics)  
Norman Robinson, Edmonton (Educational Administration)  
Rene Roth, Edmonton (Zoology)  
Lucius Stebbins, Edmonton (Zoology)  
Kenneth Stevenson, Calgary (Biochemistry)  
Arnold Temu, Tanzania (History)  
John Thoburn, England (Economics)  
Donald L. Whalen, Edmonton (Chemistry)  
Lorne Yeudall, Edmonton (Psychology)

### *The Harold Hayward Parlee Memorial Fellowship*

Salley Goforth, Edmonton (Psychology)

### *Province of Alberta Graduate Fellowships*

- O. William Asplund, Lethbridge (Economics)  
Gary A. Burden, Calgary (History)  
Donald B. Harrison, Edmonton (Secondary Education)  
Manfred Kuxdorf, Kitchener, Ontario (German)  
Norbert F. Schuldes, Edmonton (Philosophy)

### *Province of Alberta Graduate Scholarships*

- Grant A. T. Allen, Edmonton (Physics)  
Phyllis L. B. Bakar, Edmonton (Dairy and Food Science)  
Charles E. Beil, Banff (Botany)  
Robert J. Carney, Ft. Smith, N.W.T. (Educational Foundations)  
Alexander J. Dawson, Edmonton (Secondary Education)  
Anne Marie Decore, Edmonton (Sociology)  
Pandurang Deshpande, India (Chemistry)  
Victor J. Galay, Beausejour, Manitoba (Civil Engineering)  
Anne E. Gillespie, Calgary (Educational Psychology)  
Elaine D. Hughes, High River (German)  
Orest M. Kruhlak, Edmonton (Political Science)  
Arthur E. McMullen, Edmonton (Civil Engineering)  
Earl A. Mansfield, Edmonton (Educational Administration)  
Sandy M. Pemberton, British West Indies (History)  
John C. Renner, Edmonton (Psychology)  
James Riddell, Edmonton (Mathematics)  
Lal Narain Shukla, India (Agricultural Engineering)  
Fred Ustina, Edmonton (Mathematics)

### *The W. J. Gage Limited Research Fellowship*

William R. Muir, Montreal (Psychology)



*The Francis F. Reeve Foundation Graduate Bursaries*

John A. Brook, Edmonton (Philosophy)  
Michael Denny, Edmonton (Zoology)  
Ian MacIver, Edmonton (Geography)

*C.I.L. Fellowship*

Robert G. Auld, Edmonton (Chemical Engineering)

*The Shell Canada Fellowship*

Alistair A. Fife, Scotland, (Physics)

*The Pan American Petroleum Corporation Fellowship*

Edward J. L. Davies, Edmonton (Geology)

*The Delta Delta Delta Alumnae Fellowship*

C. Anne Wilson, Edmonton (English)

*The Robert Tegler Graduate Scholarship*

Elizabeth Smith, Edmonton (German)

*The Zonta Club of Edmonton Scholarship*

Jennifer Ehly, Edmonton (Political Science)

*The Henry Marshall Tory Memorial Scholarship*

Katherine Stenger, Warburg (Psychology)

*The William Rea Scholarships*

Marlene Nepstad, Valhalla Centre (Music)  
John W. Somers, Edmonton (English)

The following awards are open in one Field of Study only:

**AGRICULTURE**

*The Canadian Sugar Factories Limited Scholarship*

Arthur O. Olson, Cranford (Plant Science)

*The Dan Baker Graduate Bursary*

Horace S. Baker, Edmonton (Agricultural Economics)

**EDUCATION**

*The International Nickel Company of Canada Graduate Fellowship in  
Educational Administration*

William R. McGillivray, Ottawa, Ont. (Educational Administration)

*The W. K. Kellogg Foundation Fellowships in Educational Administration*  
Deferred

**ENGINEERING**

*The Chemcell Limited Fellowship*

Ronald E. Nieman, Calgary (Chemical Engineering)

*The Sherritt Gordon Mines Limited Graduate Scholarship in Metallurgy*

Robin F. G. MacMillan, Edmonton (Metallurgy)

#### ENGLISH

*The James Patrick Folinsbee Memorial Scholarship in Creative Writing*  
Deferred

#### HISTORY

*The Men's Canadian Club of Edmonton Prize*  
William Peter Ward, Edmonton

*The W. S. Buchanan Book Prize*  
Deferred

#### MEDICINE

*The Doctor D. S. Macnab Bursary*  
Brian Matas, Edmonton

#### PHARMACY

*The Warner-Lambert Graduate Fellowship*  
Deferred

*The Pfizer Research Scholarship*  
Deferred

#### PSYCHOLOGY

*The Lamond, Dewhurst and Associates Ltd. Scholarship*  
Deferred



This list of candidates for degrees and diplomas appearing herein is subject to such corrections, with respect to both deletions and additions, as may be necessary.

## Degrees

### *Admitted to the Degree of Doctor of Laws, Honoris Causa*

Henry Alexander Dyde, O.B.E., M.C., C.D., Q.C., B.A., B.C.L.

Air Chief Marshal Frank Robert Miller, C.B.E., C.D., B.Sc.

Chester Alvin Ronning, B.Sc., M.A., LL.D.

### *Admitted to the Degree of Doctor of Philosophy*

*Candidates presented by Professor A. G. McCalla,  
Dean of the Faculty of Graduate Studies*

Harvey Leslie Abbott, B.A. (Ed.), B.A. (Hons.) (Memorial University of Newfoundland), M.Sc. (Alberta) "Some Problems in Combinatorial Analysis" (Mathematics), Newfoundland

Joseph Eytayo Adetoro, B.A. (University of London), M.Ed. (University of Birmingham) "The Changing Aims and Functions of Nigerian Education, 1842-1962" (Educational Foundations), Nigeria

George Alexander Cooke, B.Sc., M.Sc. (Mount Allison) "An Approach to the Synthesis of Lycopodium Alkaloids" (Chemistry), New Brunswick

Arthur John Cropley, B.A. (University of Adelaide), M.Ed. (Alberta) "Originality, Intelligence and Personality" (Educational Psychology), Australia

Thomas Walter Dingle, B.Sc. (Alberta) "Monoisotopic Photoexcitation" (Chemistry), Edmonton

Morne Pier duPlessis, B.Sc. (University of Potchefstroom), B.Sc., M.Sc. (University of Natal) "Investigation of Concentration Gradient of Fluidized Solids in Pipeline Transport" (Fluid Mechanics), Edmonton

Ian Edward Housego, B.Ed. (Saskatchewan), B.A. (British Columbia), M.Ed. (Alberta) "How a Decision Was Made: A Study of the Teacher Training Issue in Saskatchewan" (Educational Administration), Saskatchewan

Ping Kwan Leung, B.Sc. (The University of New South Wales) "Computer Models of Solids-Fluid Chemical Reactors and Correlation of Multivariate Data" (Chemical Engineering), Hong Kong

Charles Emmons McDonald, B.Sc. (McGill) "Some Transformations of Maleo- and Fumaropimaric Acids" (Chemistry) Quebec

Kit Ming Mark Ng, B.Sc. (Acadia) "Radiolysis of Diethyl Ether" (Chemistry) Hong Kong  
Ernest Edward Pelzer, B.Sc. (Manitoba) "Mineralogy, Geochemistry and Stratigraphy of the Besa River Shale" (Geology), Edmonton

John Gregory Pronko, B.S. (University of Scranton), M.Sc. (Marquette University) "Properties of States of Neon-21 from  $0^{18}$  ( $\alpha$   $\eta$   $\gamma$ )  $NE^{21}$ " (Physics), U.S.A.

Arthur Selbourne Jelf Reid, B.S.A., M.S.A. (Toronto) "Some Factors Affecting Nitrogen Movement, Transformations and Uptake in Alberta Soils" (Soil Science), West Indies

Leonard Patrick Sampson, B.A. (University of Canterbury), B.Ed. (British Columbia) "A Survey of the Methods of Selection and the Conditions of Employment of Provincially Employed Superintendents and Inspectors of Schools in the English Speaking Provinces of Canada" (Educational Administration), British Columbia

Michael Skuba, B.Ed., M.Ed. (Alberta) "Population Density and Pupil Transportation Costs in Alberta" (Educational Administration), Wainwright

Ronald Wardhaugh, B.A. (University of Durham), B.Ed. (Alberta), A.M. (Michigan) "An Investigation of Certain Uses of a Test Constructed According to Principles of Transformational Grammar" (Secondary Education—English), Edmonton

Charles Woo, B.A. (Saskatchewan) "Reactions of Oxime Ester" (Chemistry), Medicine Hat



### *Admitted to the Degree of Master of Arts*

- John Jay Barr, B.A. (Alberta) "The International Union of Students: A Study of a Communist International Front Organization" (Political Science), Edmonton
- Chen-kuan Chuang, B.A. (National Taiwan University) "The Nature of American Diplomacy and Commerce on the China Coast, 1784-1900" (History), Republic of China
- Ross Murray Donaldson, B.A. (Carleton) "The Economic Base of Camrose" (Geography), Ottawa
- John Steele Gibson, B.A. (Queen's University of Belfast) "An Evaluation of the Role of Physical Factors in the Evolution of Land Use in the Bow River Valley in Calgary" (Geography), Northern Ireland
- Michael Conn Hodgson, B.Com. (Alberta) "The Fiscal Development of the City of Edmonton Since 1946" (Economics), Edmonton
- Virginia Lee Hull, B.A. (University of Kansas) "A Geographical Study of the Impact of Two Ethnic Groups on the Rural Landscape in Central Alberta" (Geography), U.S.A.
- Charles Lorne Archie Hutton, B.A. (Alberta) "Functional Differentiation Among Small Towns in the Edmonton Area" (Geography), Edmonton
- Austin Albert Lupton, B.A. (McMaster) "Some Geographical Aspects of Dairying in Alberta" (Geography), Edmonton
- Maya Mangesh Murdeshwar, B.A., M.A. (University of Bombay) "The Heckscher-Ohlin Theorem" (Economics), India
- Eugenie Louise Myles, B.A. (Alberta) "The Self as Theme in Grove's Novels" (English), Edmonton
- Ramdhane Samuel Gouriesankar Pagee, B.A. (Mount Allison), B.Ed. (Alberta) "Use and Significance" (Philosophy), Edmonton
- James Alexander Proudfoot, B.A. (Alberta) "Some Aspects of the Recreational Geography of the North Saskatchewan River Valley—Edmonton" (Geography), Edmonton
- Karl Schnura, Equiv. of B.A. (University of Hamburg) "The Two Versions of L. M. Leonov's *The Thief*" (Slavonic Languages and Literatures), West Germany
- Myrna Janet Williams, B.A. (Alberta) "The Rôle of the Woman in the Works of Georg Kaiser" (German Literature), Vancouver
- Maurice Yacowar, B.A. (University of Alberta, Calgary) "The Earl of Rochester's Recasting of Other Writers" (English), Calgary

### *Admitted to the Degree of Master of Science*

- Bruce Alexander, B.Sc. (Alberta) "Model Study of a Hyperbolic Paraboloid Shell" (Civil Engineering), Sherwood Park
- Phyzool Ali, B.Sc. (Manitoba) "The Mechanisms of Swelling in Clay Soils" (Civil Engineering), Trinidad
- Theodore Belke, B.Sc. (Alberta) "Deformation Characteristics of Pretensioned Concrete Beams Subjected to Bending and Shear" (Civil Engineering), Hines Creek
- Kenneth Lloyd Bowes, M.D. (Queen's University at Kingston) "The Duodenal Inhibition of Gastric Secretion" (Surgery), Saskatchewan
- Harold Tremayne Butchart, B.Sc. (Alberta) "Test of Four Continuous Two-Span Prestressed Concrete Beams" (Civil Engineering), Edmonton
- Clarence Eugene Capjack, B.Sc. (Alberta) "Iterative Analog Techniques" (Electrical Engineering), Elk Point
- Reginald Frank Chandler, B.Sc. (Alberta) "Alkaloids of *Sanguinaria Canadensis*" (Pharmaceutical Chemistry), Edmonton
- Mangal Dass Chawla, B.A., B.Sc. (Panjab University, India) "A Study of The Thickness of Density Currents in Reservoirs" (Civil Engineering), India
- Alick Chernick, B.S.A. (Manitoba) "Diploidization in Flax Rust" (Genetics), Manitoba
- Gerald Marvin Coen, B.Sc. (Alberta) "Origin of Bands in Sandy Soils of the Stoney Plain Area" (Soil Science), Bashaw
- Ralph William Culley, B.Sc. (Alberta) "Evaluation of Flexible Pavement Overlays" (Civil Engineering), Saskatchewan
- Alden Ernie Dahlman, B.E. (Saskatchewan) "The Influence of Strain on the Shear Strength Parameters of a Highly Plastic, Remoulded, Homionic Clay Soil" (Civil Engineering), Saskatchewan



- Jans Diemer, B.Sc. (Alberta) "Studies of the Primary Structure of 18S + 28S Ribonucleates from Wheat Germ" (Biochemistry), Edmonton
- Alberta Moreau Elcombe, B.H.Sc. (Saskatchewan) "The Role of Carbohydrate in the Diet of the Chick" (Nutrition), Edmonton
- Thomas Lester Evans, B.S. (University of New Mexico) "A Reconnaissance Study of Some Western Canadian Lead-Zinc Deposits" (Geology), U.S.A.
- Richard Freitag, B.Sc. (Sir George Williams) "A Taxonomic Revision of the North American Species of the *Cicindela maritima* Group, with a Detailed Study of Hybridization Between *Cicindela duodecimguttata* and *oregona*" (Entomology), Edmonton
- Ka Iu Fung, B.A. (University of Hong Kong) "Some Aspects of Population Mapping" (Geography), Hong Kong
- James Goris, B.S., M.S. (University of Utah) "Pressures Associated with Swelling in Soils" (Civil Engineering), U.S.A.
- Judith Ann Gould, B.Sc. (Alberta) "Some Preliminary Experiments on the Specific Heat of Helium Four Adsorbed in 13X-Zeolite" (Physics), Edmonton
- Claudio Guarnaschelli, B.Sc. (Alberta) "Interaction of Surfactants on Flotation of Metals and Minerals" (Metallurgical Engineering), Calgary
- Larry Wayne Hanson, B.Sc. (Alberta) "Size Distribution of the White River Ash, Yukon Territory" (Geology), Edmonton
- Garry Wood Hollingshead, B.Sc. (Alberta) "High Pressure Triaxial Compression Testing of Saskatchewan Silt and Bearpaw Shale" (Civil Engineering), Yukon Territories
- Chin-Chiang Huang, B.S. (National Taiwan University) "Some Effects of Cyanate on Phosphorylases *a* and *b*" (Biochemistry), Republic of China
- Louise Laura Nielsen Hudson, B.Sc. (Alberta) "Minor Components of Wheat Germ s-Ribonucleates" (Biochemistry), Edmonton
- Sheikh Ansar Husain, B.Sc. (University of Luchnow), B.Sc. (University of Karachi) "Sulphur Isotope Fractionization by Salmonella" (Physics), Pakistan
- James Michael Hutton, B.Sc. (Alberta) "Hydrates of the Methane-Carbon Dioxide-Hydrogen Sulfide System" (Chemical Engineering), Edmonton
- Gertrude Hanke Jacoby, B.A. (The University of Rochester) "A Study of the Circulating Iodocompounds of Rainbow Trout, *Salmo gairdnerii*" (Zoology), Edmonton
- Gyan Parkash Jain, B.Sc. (Agra University), B.Sc. (Chem.Eng.) (Banaras Hindu University) "Liquid-Liquid Extraction of Acetic Acid Using Concurrent Flow Through a Packed Column" (Chemical Engineering), India
- Wen-jou Wang Kao, B.S. (Taiwan Provincial Taichung College of Agriculture) "The Effect of Some Herbicides on Sporulation of Barley Leaf Pathogens" (Plant Pathology), Republic of China
- Joseph Kerekes, B.Sc. (British Columbia) "A Comparative Limnological Study of Five Lakes in Central Alberta" (Zoology), Vancouver
- Gordon Robert Kerr, B.S. (Montana State University) "The Ecology of Mountain Goats in West Central Alberta" (Zoology), Coleman
- Ghulam Muhiddin Abdus Sukar Khan, B.Sc., M.Sc. (University of Dacca) "Metabolism of Calcium in Rat Soft Tissues Using  $\text{Ca}^{45}$  as a Tracer" (Pharmacy), Pakistan
- Murray Lloyd Larson, B.A. (Saskatchewan) "Biostratigraphy of the Glenogle Formation (Ordovician) Near Glenogle, British Columbia" (Geology), Saskatchewan
- Alice Victoria Leech, B.Sc. (Alberta) "A Reconnaissance: Basic Intrusive Rocks of the Precambrian Shield, Canada" (Geology), Edmonton
- Robert Ernest Leech, B.Sc. (British Columbia) "The Spiders (Araneida) of the Hazen Camp Area, Ellesmere Island, Northwest Territories, Canada ( $81^{\circ}49'N$ ,  $71^{\circ}18'W$ ). A Taxonomical, Biological, and Zoogeographical Investigation" (Entomology), Edmonton
- Dennis Arnold Lindberg, B.Sc. (Alberta) "Comparative Aspects of Five Selected Piezometer Designs" (Civil Engineering), Edmonton
- Constance Hilary Patricia Lynne-Davies, M.R.C.S. (Eng.), L.R.C.P. (Lond.) "The Relationship of Routine Pulmonary Function Studies to Pulmonary Mechanics Studies in Obstructive Airway Disease" (Medicine), Edmonton
- Michael Grimbley McGarry, B.Sc. (Alberta) "The Survival of Salmonella Typhi in Sewage Oxidation Ponds" (Civil Engineering), Toronto
- Donald Stuart Macpherson, B.Sc. (Alberta) "Variations in the Abundance of  $\text{O}^{18}$  in Ice and Snow from the Kaskawulsh Glacier" (Geology), Edmonton



- Gerrit Theodore Francis Ross Maureau, B.Sc. (Alberta) "Crustal Structure in Western Canada" (Geophysics), Calgary
- Sadaqat Hasan Mir, B.Sc. (Panjab University, India) "Fatigue Characteristics of a Cement Stabilized Sand Under Repeated Stress Reversal" (Civil Engineering), Pakistan
- Louis Neering, B.Sc. (Alberta) "Electrolyte Effects on the Aqueation of Bromopentam-minechromium (111) Bromide" (Chemistry), Edmonton
- Hans John Netolitzky, B.Sc. (Alberta) "Cytology, Histology and Pathology of *Plenodomus melliloti*" (Plant Pathology), Edmonton
- Donald Henry Albert Pirot, B.Sc. (Alberta) "A 3000 PSI Hydraulic Position Control System" (Electrical Engineering), Edmonton
- Abdul Saleem Qureshi, B.Sc. (University of the Panjab, Pakistan) "Coordination of Model Bridge Pier Scour" (Civil Engineering), Pakistan
- Iyadurai Rajendram, B.Sc. (University of Ceylon) "Method of Analysis of Shallow Trans-lational Shells" (Civil Engineering), Ceylon
- Alan Sedgewick Richardson, D.D.S. (Alberta) "Growth and Relationship of the Jaws, and Eruption of the Teeth from Birth to Two Years of Age" (Paediatric Dentistry), Edmonton
- Gerald John Ryznar, B.Sc. (Alberta) "Sulphur Isotope Investigation of the Quemont Ore Deposit" (Geology), Coleman
- Shehzad Sadiq, B.E. (University of Karachi) "The Inertial Resistance Coefficient and Other Reservoir Rock Properties" (Petroleum Engineering), Pakistan
- Gordon Robert Scott, B.Sc. (Alberta) "Improving Water Flood Recovery of Viscous Crude Oils by Chemical Control" (Petroleum Engineering), Edmonton
- Umanath Sharan, B.Sc. (Patna University) "Tensile Properties of Asphalt Films" (Civil Engineering), India
- Peter Douglas Shargool, B.Sc. (University of London) "Purification and Properties of *Pseudomonas aeruginosa* bacteriophage SD1" (Biochemistry), Edmonton
- Ronald Milton Smithers, B.S. (Seattle Pacific College) "Tellurium Isotope Fractionation in Nature and in the Laboratory" (Physics), Three Hills
- Allan Kingsley Sorensen, B.Sc. (Alberta) "The Sulphur Status of Soils in North-Central Alberta" (Soil Science), Wetaskiwin
- Theodore Donald Michael Strashok, B.Sc. (Alberta) "Power Spectral Characterization of Interfacial Fluctuations in Co-current Oil-Water Flow" (Chemical Engineering), Edmonton
- Berthold Tepper, B.Sc. (Alberta) "A Ferrite Microwave Amplitude Modulator" (Electrical Engineering), Edmonton
- Percy LeRoy Thomas, B.Sc. (Alberta) "Virulence in *Ustilago hordei* (Pers.) Lagerh" (Genetics), Edmonton
- Kenneth Theodore Thorsen, B.Sc. (Alberta) "Digital to Analog Converter" (Electrical Engineering), Edmonton
- Wayne Ralph Tinga, B.Sc. (Alberta) "General Analysis of Varactor Frequency Multipliers with Application to an Exponential C-V Characteristic" (Electrical Engineering), Edmonton
- Geoffrey Reginald Tomlin, B.Sc. (University of Southampton) "Flow Analysis Through Non-Homogeneous Soils by Computer" (Civil Engineering), Vancouver
- Eileen Margaret Towart, B.A. (British Columbia) "A Comparison of Training Methods, Type of Problem, and Apparatus in Acquisition and Extinction" (Psychology), British Columbia
- Robert Leonard Plato Tucker, B.Sc. (Alberta) "The Design of a Field Effect Transistor Amplifier for Measuring Bio-Electrical Action Potentials" (Electrical Engineering), Quebec
- Frederick Ustina, B.Sc., (Alberta) "Gibbs Phenomenon and Lebesque Constants" (Math-ematics), Edmonton
- Ilija Vasic, Diploma in Engineering (University of Belgrade) "Influence of Mechanical Treatment on Some Rheological Properties of Butter" (Dairy Science), Yugoslavia
- Julijana Vasic, Diploma in Agriculture (University of Belgrade) "A Study of the Solid and Liquid Phases of Milk Fat" (Dairy Science), Yugoslavia
- Yoshito Wada, Bachelor of Agriculture, Master of Agriculture (Kyoto University) "Population Studies on Mosquitoes" (Entomology), Japan



### *Admitted to the Degree of Master of Education*

- Lachlan MacLean Campbell, B.A., B.Ed. (Alberta) "A Study of the Relationship Between Ability Grouping and the Achievement of Grade Nine Pupils from 1956-1964" (Educational Administration), Edmonton
- Marion Elizabeth Irwin, B.Ed., B.A. (Alberta) "An Analysis of the Work Load of High School Physical Education Teachers" (Educational Administration), Edmonton
- Alexander Gilmour Markle, B.A., B.Ed. (Alberta), B.J. (Carleton) "Genesis of the Lethbridge Public Junior College" (Educational Foundations), Edmonton
- Peter P. Martins, B.Ed., B.A. (Saskatchewan) "Central School Boards in Saskatchewan" (Educational Administration), Saskatchewan
- Harry Mosychuk, B.Sc., B.Ed. (Alberta) "Longitudinal Prediction of Grade Nine Examination Success for Different Urban Socio-economic Groups" (Educational Psychology), Edmonton
- Raymond Browning Phipps, B.Ed. (Alberta) "A Descriptive Study on the Value of the Year Play in the High Schools of Edmonton" (Secondary Education—Drama), Edmonton
- Robert Piercy Plaxton, B.Ed., B.A. (Saskatchewan) "Personality of the Principal and School Organizational Climate" (Educational Administration), Calgary
- Ronald Lewis Rhine, B.Ed. (Alberta) "Alberta Government Provisions for the Financing and Construction of School Buildings" (Educational Administration), Edmonton
- Mary Helen Richardson, B.Sc. (P.Ed.) (McGill) "Cognitive Factors in Gross Motor Skill" (Educational Psychology), Victoria
- Douglas Heber Ross, B.Ed., B.A. (Alberta) "A Comparative Study of Intraclass Grouping and Non-Grouping in Grade Seven Achievement" (Educational Administration), Edmonton
- Sister Mary Baptista Bachman, B.Ed. (Alberta) "Patterns of Errors in Reading Comprehension of Grade 9 Underachieving Students" (Elementary Education), Edmonton
- John Strembitsky, B.Ed., B.Sc. (Alberta) "An Appraisal of Research in Programmed Instruction" (Educational Administration), Millet
- Gordon Bishop Vincent, B.A., B.Ed. (Acadia) "Vocational and Economic Success of Male High School Drop-Outs" (Educational Psychology), Calgary
- Merlin Walter Wahlstrom, B.Ed. (Alberta) "A Comparison of EPPS and TAT Need for Achievement Scores and Academic Success" (Educational Psychology), Edmonton
- Maisie Violet Mary Wheatley, B.Ed. (Alberta) "A Study of the Relationship Between Certain Visual Perceptual Abilities and Achievement in First Grade Reading" (Elementary Education), Edmonton

### *Admitted to the Degree of Bachelor of Arts (Honors)*

*Candidates presented by Professor D. E. Smith,  
Dean of the Faculty of Arts*

- John Andrew Brook, Edmonton  
(first class honors in Philosophy)
- Glen William Campbell, Edmonton  
(honors in Romance Languages)
- Frederick Cupido, Edmonton  
(honors in Philosophy)
- Kenneth Cameron Dewar, Edmonton  
(honors in History)
- Brian William Dippie, Edmonton  
(honors in History)
- Perry Rand Dyck, Calgary  
(first class honors in Political Science)
- Jennifer Alice Elizabeth Ann Ehly, Edmonton  
(first class honors in Political Science)
- Bunny Diane Einblau, Edmonton  
(honors in Sociology)
- George Flynn, Calgary  
(honors in Russian-Slavonic and Soviet Studies)



Claire Muriel Rosemary Fraser, Calgary  
(honors in German)  
Beverley Marian Gietz, Pincher Creek  
(first class honors in Philosophy)  
Linda Margaret Hutchinson, Fort Saskatchewan  
(honors in Romance Languages)  
Sharon Elsa Johnson, N.W.T.  
(honors in Russian-Slavonic and Soviet Studies)  
Judith Lynne Kales, Edmonton  
(first class honors in Classics)  
Graeme Donald McDonald, Edmonton  
(first class honors in Political Science)  
Francis McKenna, Edmonton  
(honors in History)  
Gerald Frederick Manning, Edmonton  
(honors in English)  
Peter Menzel, Edmonton  
(first class honors in English)  
Ormond Skinner Mitchell, Edmonton  
(honors in English)  
James Maurice Moscovich, Lethbridge  
(first class honors in Classics)  
Henry David Rempel, Edmonton  
(first class honors in Political Science)  
Ruth Corinna Rodger, Edmonton  
(first class honors in Political Science)  
David Aaron Perry Shugarman, Edmonton  
(first class honors in Political Science)  
Edward Eugene Simbalist, Edmonton  
(first class honors in English)  
Catherine Anne Wilson, Edmonton  
(first class honors in English)

### *Admitted to the Degree of Bachelor of Arts*

George Henry Akers, Medicine Hat	Janice Lea Bridge, Edmonton
Adriana Theresa Albi, Edmonton	Stephen Winston Stanley Brown, Calgary
Donald Sydney Alexander, Boyle	Henry John Budnitsky, Edmonton
Claudia Dallas Allen, Edmonton	Ronald Glenn Bumstead, Edmonton
Carol Elaine Anderson, Edmonton	Ronald John Lane Butler, Edmonton
Ksenia Irene Aronetz, Edmonton	Janice Lee Buxton, Edmonton
Thomas Charles Ascroft, Lethbridge	Leslea Moonyeen Balmer Cairns, Edmonton
Veneta Patricia Augustynovich, Holden	William Ian Campbell, Edmonton
Nancy Jane Auxier, Edmonton	Robert Stuart Carson, Edmonton
Robert Frederick Stevenson Bagby, Edmonton	Donald James Chernichen, Edmonton
Alan Stephen Ballash, Edmonton	Paul Frederick Chisholm, Calgary
Karen Marybelle Frances Bang, Mannville	Dennis Andrew Christianson, Edmonton
Roderick Edward Banks, Edmonton	Gordon William Clozza, Drumheller
Wendy Lynne Barlow, Hanna	John Harold Cogill, Edmonton
Suzanne Adele Elizabeth Barry, Edmonton	Grace Velina Cosens, Morin
Albert Befus, Edmonton	Wayne William Coulter, Red Deer
April Anne Belik, Edgerton	David Charles Coutts, Calgary
Edward John Bensler, Pincher Creek	James Edward Cowan, Saskatchewan
Peter Bernard, Edmonton	Margaret Mae Craig, Edmonton
Reginald Wayne Bibby, Edmonton	David George Cruickshank, Barrhead
Donald Edward Blake, Ontario	Jeanette Elsie Czember, Medicine Hat
Jerry Steele Blake, Edmonton	Carol Anne Davis, U.S.A.
Gail Margaret Borden, Edmonton	John Lorne Dea, Edmonton
Maurice Lindsay Bowen, Edmonton	Dino De Paoli, High River
Donald William Bowser, Edmonton	Ruth Elizabeth Dodds, Edmonton
	Dale James Drever, Castor



David Thomas Driscoll, Edmonton  
 Dianne Elizabeth Driscoll, Edmonton  
 Eugene Nicholas Dub, Edmonton  
 Maurice Irvin Joseph Dumont,  
     Bonnyville  
 Ronald Wayne Durda, Grande Prairie  
 Terence Michael Eastwood, Edmonton  
 Romanov Herbert Elgert, Edmonton  
 Frederick Bruce Elkin, Edmonton  
 Elliott Barbara Joan, Edmonton  
 Dale Arnold Enarson, Ferintosh  
 Robert William Engley, Edmonton  
 Ezekiel James Essien, Edmonton  
 Hubert Neil Evans, Edmonton  
 Timothy King Evans, Banff  
 Walter Evdokimoff, Lethbridge  
 Venera Mihaelovna Faminow, Pincher  
     Creek  
 Veldon Jane Ferns, Calgary  
 Alan David Fielding, Camrose  
 Gordon James Fitzpatrick, Drumheller  
 Margaret Mary Flanagan, Calgary  
 Dennis George Frayne, Lethbridge  
 Marilyn Ruth Garfin, Edmonton  
 John Riley Gishler, Edmonton  
 Maribeth Jean Goddard, Edmonton  
 Estelle Annette Marie Goudreau,  
     Edmonton  
 Alban Sherman Goulden, Medicine Hat  
 Gertrude Rose Govier, Calgary  
 Linda Eileen Grant, Saskatchewan  
 Marjorie Sharon Gray, Calgary  
 Anne Marilyn Greason, Edmonton  
 Jack Cameron Groot, Edmonton  
 Judith Beryl Gunning, Edmonton  
 James Duncan Hale, Grande Prairie  
 Robert Russell Haney, Edmonton  
 Don Leroy Hansen, Carbon  
 Judith Frances Harcourt, Edmonton  
 Dale Bruce Harder, B.C.  
 Ronald Drummond Hardie, Lethbridge  
 Jack Roxey Harmer, New Brunswick  
 Gwentyth Lorraine Hauser, Olds  
 Sharon Colleen Healy, Edmonton  
 Donald Herbert Heighington, Edmonton  
 Douglas Merlin Hendrickson, Camrose  
 Sandra Margaret Hendrickson,  
     Edmonton  
 Hans Lutz Heydemann, Edmonton  
 Arthur Paul Hnatuk, Edmonton  
 William George Holden, Edmonton  
 Doreen Margaret Hopton, Edmonton  
 Michael Horrocks, Edmonton  
 Henry Allan Hubert, Coaldale  
 Donald Ian Inglis, Irma  
 Alvin Gary Stewart Isbister, Edmonton  
 Donald Kenneth Jackson, Camrose  
 Mavis Patricia James, Calgary  
 Doris Lorraine Jeandron, Edmonton  
 Baldwin Clare Johnson, Edmonton  
 Beverley Joyce Johnson, Morin  
 Myron Jasper Johnson, Lafond  
 Penelope Jane Keatley, Edmonton  
 Elizabeth Anne Kehoe, Edmonton  
 Douglas Clarence Kittle, Edmonton  
 Marianne Klauss, Edmonton  
 George Arthur Knight, Jasper  
 Robert Adolf Kober, Trochu  
 Stanley Melbourne Kolber, Calgary  
 Margaret Mona Kopala, Edmonton  
 Kathryn Kozak, Lethbridge  
 Methodius Theodore John Koziak,  
     Edmonton  
 Lily Kranias, Edmonton  
 Elko Bastiaan Kroon, Edmonton  
 Ralph Daniel Krueger, Calgary  
 Peter Manfred Wolf Kuehn, Edmonton  
 Richard Bernard Larson, Edmonton  
 Murray Leroy Lauber, Tofield  
 Cynthia June Lazarenko, Edmonton  
 Sharron Ethel Lee, Hinton  
 Berndt Eckehard Lemke, Edmonton  
 Anne Loewan, Edmonton  
 Dorothy Margaret Long, Blackfalds  
 Franklin Stewart Lough, Calgary  
 Alastair Richard Luca, Edmonton  
 Beatrice Wynne Lucow, Vegreville  
 Murray Charles Luft, Calgary  
 Ricky Jay Lyons, Edmonton  
 John Allen McAfee, Red Deer  
 Susan Lynne McCrae, Edson  
 John Alan Baker Macdonald, Calgary  
 Gil Joseph McElroy, Edmonton  
 Colin James Macgregor, Edmonton  
 James Ralph McGuckin, Edmonton  
 Keith Roderick McLeod, N.W.T.  
 Robert Bruce MacLock, Edmonton  
 Bonnie Mae McPherson, Edmonton  
 Howard John Borden McRae, Red Deer  
 Perry Howard Maerov, Calgary  
 William Mah, Elk Point  
 Lloyd Eric Malin, Edmonton  
 Henry Beck Martin, Edmonton  
 Duane Hermod Massing, Ponoka  
 Eda Matiisen, Eckville  
 Kathryn Joyce Mitchell, Calgary  
 Kenneth Delmar Mitchell, Lamont  
 Elizabeth Margaret Moffet, Red Deer  
 Joanne Pearl Moisuk, Edmonton  
 Richard Sheridan Mooney, Saskatchewan  
 Marie Françoise Therèse Morin,  
     Edmonton  
 Michael Louis Joseph Morin, Edmonton  
 Kenneth Ward Morris, Edmonton  
 Shari Anne Morris, Calgary  
 Thomas George Mowat, Edmonton  
 Philip John Mullen, Millet  
 James Alexander Munroe, Edmonton  
 George Klemens Neumann, Calgary  
 Douglas Bitner Nilsson, Raymond  
 Julian Joseph Nowicki, Edmonton  
 Dennis Sean O'Connell, Lethbridge  
 Albert Lewis Oldford, Edmonton  
 Donald Elroy Orn, Edmonton  
 Ellen Sue Osten, Edmonton  
 David Thomas Paley, Edmonton  
 Marian Panar, Edmonton  
 James Joseph Pasnak, Edmonton  
 Granton Alexander Patrick, Edmonton  
 Stanley Gordon Peck, Edmonton  
 Julia Victoria Pelachuk, Edmonton  
 Linda Joan Piercy, Edmonton



Lorna Gwendolyn Piercy, Edmonton  
 Erwin Pinno, Edmonton  
 Richard Hayward McVicar Plain,  
 Edmonton  
 Douglas Harry Purkis, Lethbridge  
 Judith Rabin, Edmonton  
 Anthony George Rankel, Edmonton  
 Agnes Mae Reban, Saskatchewan  
 Robert Douglas Rechner, Edmonton  
 Kurt Redschlag, Edmonton  
 Patrick Michael Reynolds, Edmonton  
 Carol Dianne Roberts, Edmonton  
 Beverley Rose Robinson, Devon  
 William Silas Salter, Ontario  
 John Frederick Scott, Calgary  
 Sally Marlene Scott, Lethbridge  
 Elana Jeannie Scraba, Lacombe  
 Alfred Irwin Selby, Edmonton  
 Taras Paul Semchuk, Edmonton  
 Daniel David Sereda, Edmonton  
 Marguerite Alison Seymour, Edmonton  
 William John Shachnowich, Canmore  
 Charlene Grace Shaw, Edmonton  
 Glenn Richard Sheppy, Edmonton  
 Nicholas St. John Fretson Skinner,  
 Medicine Hat  
 Roswitha Marie Skrukwa, Edmonton  
 Georgina May Smith, Saskatchewan  
 Judyth Celina Smith, Edmonton  
 Lynn Ilda Smith, Edmonton  
 Sydney Grace Smith, Edmonton  
 Linda Grace Smyth, Cardston  
 Darlel Elizabeth Millard Sparling,  
 Edmonton

Barry William Spence, Edmonton  
 Keith Robinson Spencer, Edmonton  
 Lowell Melven Starko, Edmonton  
 Ralph Kenneth Stevenson, Edmonton  
 Leanore Ruth Stewart, Vermilion  
 William Burton Stocks, Edmonton  
 Sharon Lynn Strong, Red Deer  
 James Eric Stuehmer, Millet  
 Alice Patricia Swanson, Edmonton  
 Allana Ione Swick, Edmonton  
 Linda Jean Switzer, Edmonton  
 Dale Allan Tannas, Marwayne  
 Wendy Marion Taylor, Edmonton  
 Rodger John Teasdale, Edmonton  
 William Wylie Thom, Edmonton  
 Margaret Louise Thomson, Olds  
 Sharon Arlene Tippie, Red Deer  
 John Clark Valens, Edmonton  
 Kodyn Herman Vandonselaar, Edmonton  
 George Clifton Walker, Edmonton  
 Harvey Winston Walker, Lethbridge  
 Ross Dale Wilde, Raymond  
 David Lloyd Wilkins, Lethbridge  
 Annamary Jean Williams, Calgary  
 William James Winship, Edmonton  
 Donald Terry Wismer, Edmonton  
 Dorothy Christine Witherspoon, Calgary  
 Horst Gunther Wolff, Edmonton  
 Robert Peter Woolstencroft, Edmonton  
 Garrett Norman Wynne, Berwyn  
 Lorne Gary Yacuk, Edmonton  
 Bonnie Yaren, Edmonton  
 Joan Audrey Yeudall, Edmonton  
 Henry Edway Young, Fort Saskatchewan

### *Admitted to the Degree of Bachelor of Music*

John Edward Butler, Edmonton  
 Sandra Frances Carruthers,  
 Saskatchewan  
 Cecilla Elizabeth Dencer, Edmonton  
 Wilmer John Fawcett, Edmonton  
 Ethel Kathleen Johanson, Red Deer

Jennifer Adelle Kilborn, Grimshaw  
 Marlene Sissel Nepstad, Valhalla Centre  
 Marilyn Shirley Anne Ohlhauser, Carbon  
 Glenda Bernice Patterson, Tofield  
 Nicholas George Pulos, Edmonton

### *Admitted to the Degree of Bachelor of Fine Arts*

Gordon Frank Brown, Calgary

### *Admitted to the Degree of Bachelor of Science (Honors)*

*Candidates presented by Professor D. M. Ross,  
 Dean of the Faculty of Science*

Michael Aleksuik, Grassland  
 (first class honors in Zoology)

Dale Frederick Anderson, Grande Prairie  
 (honors in Mathematics)

Edward Frank Bertram, Edmonton  
 (first class honors in Chemistry)

Robert Edward John Bichler, Vauxhall  
 (first class honors in Chemistry)

James Dale Burnett, Jasper  
 (honors in Mathematics)

Phyllis Ann Dandell, Red Deer  
 (first class honors in Zoology)

Lorne Leslie Neil Evernden, Lethbridge  
 (first class honors in Zoology)



James Louis Fisher, Raymond  
(first class honors in Mathematics)

Patricia Elizabeth Gander, Edmonton  
(first class honors in Mathematics)

Myron Goldberg, Edmonton  
(honors in Mathematics)

Gary Horlick, British Columbia  
(first class honors in Chemistry)

Erwin Huebner, Edmonton  
(honors in Zoology)

Lorne Wayne Jackson, Edmonton  
(first class honors in Mathematics)

Waldemar Jetz, Lethbridge  
(honors in Chemistry)

Ralph Gerald Jorstad, Taber  
(honors in Applied Mathematics)

Richard Howard Kerbes, Big Valley  
(honors in Zoology)

Michael Richard William Kervin, Edmonton  
(first class honors in Applied Mathematics)

Dennis Eugene Konasewich, Redwater  
(honors in Chemistry)

Stuart Reginald Loomis, Edmonton  
(first class honors in Geography)

Roderick Owen McElroy, Edmonton  
(honors in Chemistry)

Sheila May Malm, Calgary  
(first class honors in Chemistry)

Sylvia Ann Malm, Calgary  
(first class honors in Mathematics)

Danny Mitchell Mascaluk, Willingdon  
(honors in Zoology)

Robert John Wayne Mennie, Edmonton  
(honors in Zoology)

Gordon Moshuk, Edmonton  
(first class honors in Chemistry)

Tomeko Nakagawa, Welling  
(honors in Chemistry)

Paul Joseph Alvin Presidente, Edmonton  
(honors in Zoology)

Eldon Bruce Priestley, Edmonton  
(first class honors in Chemistry)

Peter Joseph Puchyr, Edmonton  
(honors in Physics)

David Michael Rosenberg, Edmonton  
(first class honors in Entomology)

Gilbert Allan Schultz, Hay Lakes  
(first class honors in Zoology)

John Walter Duncan Sinclair, Edmonton  
(honors in Physics)

Lisa Susan Southern, Scandia  
(honors in Chemistry)

Earl Roger Spady, Alliance  
(honors in Physics)

Robert James Swanston, Wainwright  
(honors in Physics and Geology)

Brian Douglas Sykes, Edmonton  
(first class honors in Chemistry)



Jerry Alan Takacs, Edmonton  
(honors in Chemistry)  
Morris Frederick Tchir, Edmonton  
(first class honors in Chemistry)  
Dorothy Rae Tovell, Vermilion  
(first class honors in Biochemistry)  
John Dirk Van Dyke, Edmonton  
(first class honors in Chemistry)  
Wayne Allan Walker, Edmonton  
(honors in Mathematics)  
Kenneth Wayne Welsh, Milk River  
(first class honors in Mathematics)  
Richard Bruce Wolff, Cardston  
(honors in Mathematics)  
Marie Elizabeth Zenko, Edmonton  
(honors in Biochemistry)

### *Admitted to the Degree of Bachelor of Science*

#### *With Distinction*

Gail Marie Anderson, Grande Prairie  
Edwin Peter Hutsal, Boyle  
Nancy May Molen, Edmonton

Allan Israel Aizenman, Calgary  
Leonard Logan Aldridge, Edmonton  
Robert Eardley Allin, Edmonton  
Donald Wesley Ambrose, Edmonton  
David Lawrence Anderson, Edmonton  
Marshall Frank Andruchow, Vegreville  
Neil Michael Ballash, Edmonton  
Lorne Raymond Barnes, Edmonton  
Terrence Michael Bastin, Calgary  
Lloyd Henry Behl, Edmonton  
Walter George Bober, Derwent  
Bruce Edward Bohannan, Calgary  
Richard Carl Bolstler, Edmonton  
Francis Robert Bowkett, Edmonton  
George Alan Clarke, Edmonton  
Phillip Camroux Coatta, Edmonton  
Carlos José Colón De Zengotita,  
Puerto Rica

Edwin David Day, Edmonton  
William Adam Day, Edmonton  
Ester Nellie De Boer, Barons  
Edward Devai, Ontario  
Larry Alvin Didow, Spirit River  
Linda Maureen Doeling, Edmonton  
Sheila Lois Egar, Edmonton  
Robert William Evans, Blairmore  
Lloyd Gary Brian Ewacheski,  
Saskatchewan

James Grant Ferguson, Sherwood Park  
Marcelline Marie Feser, Edmonton  
Gordon Melvin Fischbach, Donalda  
George Michael Louis Fortier, Edmonton  
Shirley May Fox, Wetaskiwin  
Donald Wilbur Freeland, Peace River  
John Michael Furnell, Red Deer  
Harry Kenneth Gaffney, Stettler  
Elizabeth Ann Galeski, Calgary  
Melvin Thomas Gerard, Edmonton  
Robert Casey Golden, Red Deer  
Lorraine Lillian Golko, Vilna  
James Benjamin Graham, Vulcan

Murray Arnold Greenberg, Calgary  
Richard Boyd Hall, Athabasca  
Ronald Elgin Hallman, Red Deer  
Donald Alfred Hames, Marwayne  
Sharon Elaine Harke, Edmonton  
Glen Harvey Harper, Quebec  
Walter William Harris, Penhold  
Richard Henry Hillson, Edmonton  
Donald Frederick James Hilton, Calgary  
Fay Muriel Holroyd, Rocky Mountain  
House  
Gary Edward Hoskins, Edmonton  
Helen Marion Hoyne, Bloomsbury  
Harriet Louise Hyndman, Calgary  
Eileen Marie Jensen, Wayne  
Mary Elizabeth Karczmarczyk, St. Lina  
Donald James Kenyon, Edmonton  
Edmond Lodewyk Kortooms, Edmonton  
Donald William Kronstedt, Jasper  
David Wayne Lake, Edmonton  
Kenneth Henry Lambert, Edmonton  
Robert James Langridge, Banff  
Stephen Ross Langton, Saskatchewan  
Joseph Lucien La Plante, Edmonton  
David John Larson, Lethbridge  
Thomas Pak Ching Leung, Hong Kong  
Maureen Lodoen, Medicine Hat  
Dennis Scott Loiselle, Athabasca  
Peter David McArthur, Edmonton  
Derek James McCune, Edmonton  
Roderick Neil McDonald, Edmonton  
John Alexander McKenzie, Medicine Hat  
Gordon Emmett McLaughlin, Mannville  
George Joseph Richard Marien,  
Edmonton  
John Marken, Edmonton  
James Masson, Irma  
Margaret Rose Mastalish, Edmonton  
Brenda Jean Matas, Edmonton  
Bernard Harold Merrick, Medicine Hat



Laurence Franklin Miller, Elk Point  
 Myrna Lorraine Miller, Eckville  
 John Frederic Milner, Edmonton  
 Ove Minsos, Edmonton  
 Richard Lawrence Miron, United States  
 Larry Delwin Mitchell, Edmonton  
 Marcia Elizabeth Mitchell, Calgary  
 Edward John Nath, Edmonton  
 Lloyd Donald Nichols, Edmonton  
 Barry Robert Joseph Le Baron Nickerson,  
 Calgary  
 John Aage Nielsen, Edmonton  
 Robert Gordon Niven, Edmonton  
 Joanne Edythe O'Connell, Calgary  
 Dennis Paul Panych, Edmonton  
 Donnie Parnall, Edson  
 Joseph Frank Anthony Parranto,  
 Edmonton  
 Helen Grace Pelsma, Chauvin  
 Richard Alan Perry, Edmonton  
 William Petrunik, Edmonton  
 Morley Edward Pinsent, Edmonton  
 Fred Robert Pittman, Fort Saskatchewan  
 John Plett, Edmonton  
 Daniel Charles Pollock, Camrose  
 Irene Anne Quevillon, Edmonton  
 Walter John Quiring, Edmonton  
 James William Ramsahoye, British  
 Guiana  
 Keith Gordon Redding, Lethbridge  
 Douglas Reid Reimer, Edmonton  
 Clifford John Revell, Edmonton  
 Norman Wayne Reynolds, McLennan  
 George Harvey Roddick, Viking  
 David Martin Rohrick, Edmonton  
 Robert Arthur Rose, Saskatchewan  
 Terrence Anthony Rusnach, Edmonton  
 Robert Douglas Sabine, Saskatchewan

Lyle Marvin Schaitel, Fleet  
 Fred William Shandro, Edmonton  
 Norman Eugene Shandro, Vegreville  
 Peter William Shandro, Edmonton  
 Alan Edwin Sharpe, Morrin  
 John Alfred Siluch, Edmonton  
 Donna May Eleanor Smith, Edmonton  
 Walter (Volodar) Melety Snihurowych,  
 Edmonton  
 Stanley Theodore Stobbe, Canmore  
 Robert Stanzas Stringham, Cardston  
 Robert Morrison Stuart, Innisfail  
 Roy Sygmun Syluski, Edmonton  
 Marion Steve Tchir, Spedden  
 Murray Ordean Throness, Grande  
 Prairie  
 Richard Roy Tompkins, Edmonton  
 Helen Tywoniuk, Coolidge,  
 Kyo Ujimoto, British Columbia  
 Yaropolk Orest Urban, Edmonton  
 Hendricus Jan Van Reede, Edmonton  
 Silvano Ralph Vecchio, Edmonton  
 Doris Shirley Vincent, Edmonton  
 Orlen William Von Hollen, Alhambra  
 Kenneth Anthony Waldron, Barbados  
 William Roy Whitfield, Edmonton  
 Leonard Samuel Wilson, Edmonton  
 Lubomir Wojtiw, Edmonton  
 Noall Edwin Wolff, Cardston  
 Boris Zenith Woloschuk, Thorhild  
 Kwan Fook Wong, Edmonton  
 Perry Kit Wong, Hong Kong  
 Thyra Dianne Wright, Calgary  
 Trevor Wriglesworth, Edmonton  
 Linda Celeste Yeudall, Edson  
 James Murray Young, British Columbia  
 John William Zaturecky, Edmonton  
 Luba Zyriwsky, Edmonton

### *Admitted to the Degree of Bachelor of Science in Chemical Engineering*

*Candidates presented by Professor R. M. Hardy,  
 Dean of the Faculty of Engineering*

Allan Kenneth Ashton, Devon  
 Henry Christian Bosman, Lethbridge  
 Yiu Hung Chan, Hong Kong  
 Edward Chwyl, Edmonton  
 Donald Gilbert Colley, Huxley  
 Robert Morley Decker, Manitoba  
 John Kindelan Donnelly, Calgary  
 Gordon John Esplin, Lacombe  
 Richard Alexander Farwell, Red Deer  
 Leonard Thomas Fleming, Edmonton  
 Kenneth MacKenzie Fraser, Cluny  
 Reuben Wilfred Fuhr, Duffield  
 Alexander William Hyndman, Calgary  
 Theodore Kenneth Kairys, Ontario  
 Robert Victor Lang, Saskatchewan  
 Leroy Kenneth Lister, Edmonton

Robert Graham Lock, Edmonton  
 John Edward Eric Lofkrantz, Cold Lake  
 Donald Leslie McDougall, Calgary  
 Malcolm Burritt McKenzie, British  
 Columbia  
 Tony M. Chan, Edmonton  
 Robert Gordon Moore, Seebe  
 Ronald Eugene Nieman, Calgary  
 Man-Tsun Nip, Hong Kong  
 Thomas Scott Royan, Calgary  
 George William Sinclair, Edmonton  
 Albert Richard Thachuk, Edmonton  
 Murray Charles West, Calgary  
 Gerald Arthur Wheatcroft, Edmonton  
 Alan Hugh Wilson, Carstairs  
 Wayne Wilmot Wyton, Edmonton

### *Admitted to the Degree of Bachelor of Science in Civil Engineering*

Richard Morris Bennett, Cardston  
 Oliver Bowen, Calgary  
 Gordon Andrew Bulat, Edmonton

Ralph Cargill Davis, Edmonton  
 Garry Robin Gilchrist, Edmonton  
 Kermit Alvin Haakonson, Lacombe



Kenneth Allen Haggerty, New Norway  
 Joseph John Haz, Lethbridge  
 Rodney Alexander Heise, Edmonton  
 Eric George Arthur Henderson,  
 Edmonton  
 William Ross Hibbard, Nampa  
 Hugh Sigurd Klaassen, Calgary  
 John Charles Hildyard Leeds,  
 Claresholm  
 John Garfield McClure, Edmonton  
 Alvin Wei-Bin Mah, Edmonton  
 Peter Glen Melnychuk, Edmonton  
 Elphelet Miano, Kenya

William Louis Miller, Edmonton  
 Frank Joseph Mink, Edmonton  
 Frederick Bernard Newby, Edmonton  
 John Breckenridge Oxner, Edmonton  
 Carl William Peterson, Red Deer  
 Ernest Howey Randall, Calgary  
 Herbert Lloyd Reynolds, McLennan  
 Robert William Reynolds, Stettler  
 John Douglas Roberts, Calgary  
 Frederick Charles Robinson, Calgary  
 Joseph Henry Schlaut, Daysland  
 Edward Blake Watson, Lethbridge

### *Admitted to the Degree of Bachelor of Science in Electrical Engineering*

#### *With Distinction*

John David Duffin, Midnapore  
 Heinz Erich Frank, Edmonton  
 Lance Arden Turlock, British Columbia  
 Ronald Allen Winter, Edmonton

Stuart Alexander Boyer, Devon  
 Johannes Goosen Broersma, Edmonton  
 Wayne Allan Chayer, Hanna  
 Duncan Ford Clifton, Edmonton  
 Leslie Sven Nels Dahlberg, Gwynne  
 Clarence Murray Deines, Calgary  
 Ronald Walter Erickson, British  
 Columbia  
 Robert Dale Freeman, Red Deer  
 Garry Wayne Hareuther, Vermilion  
 Paul Kees Simon Hoff, Edmonton  
 Walter Stanley Ingram, Edmonton  
 Wilfred Chok Chung Ko, Hong Kong  
 Reiner Loewan, Edmonton  
 Merlin Algar Lyseng, Camrose  
 Gary Allan Mayer, Delburne

Tin Sack (Jack) Mew, Calgary  
 Chandra Prakash Nehra, India  
 Kenneth Jensen Oler, Stirling  
 Lloyd Richard Osler, Edmonton  
 John Arthur Pope, Red Deer  
 Trevor Allan Quigley, Edmonton  
 Waldemar Reimer, Calgary  
 Douglas James Ronaghan, Viking  
 Mervin Roy Schafer, Olds  
 Heinz Schmidt, Edmonton  
 Eugene Sow York Shew, Edmonton  
 Bruce William Shier, Edmonton  
 Ronald William Sollanich, Edmonton  
 James Allan Edgar Strong, Lethbridge  
 Gale Carlyle Thompson, Calgary  
 Hans Christian Wehrfritz, Edmonton

### *Admitted to the Degree of Bachelor of Science in Engineering Physics*

#### *With Distinction*

Gerard De Vries, Edmonton  
 Douglas George MacKenzie, Calgary  
 Ellen Ann Sprinkle, Monarch  
 David Arthur Wright, Edmonton

George Samuel Gillespie, Edmonton      Zoly Joseph Koles, Edmonton

### *Admitted to the Degree of Bachelor of Science in Mechanical Engineering*

#### *With Distinction*

Robert Barry Dunbar, Calgary  
 Gerald Robert Penner, Calgary  
 Bernard Tully Reilly, Calgary  
 Alexander Semeniuk, Evansburg

Michael Thomas Alexandre, Calgary  
 Fabian Winfield Andersen, Calgary  
 William Wallace Brand, Edmonton  
 John Charles Burton, Claresholm  
 Constantine James Alexander Buzunis,  
 Fort MacLeod  
 Thomas William Calvert, Ontario  
 James William Dehaan, Barrhead  
 Peter Ronald Douglas Doherty,  
 Edmonton  
 Gary Grant Dunham, Vulcan

Peter Murray Fleming, Calgary  
 Richard Bernard Friesen, Edmonton  
 Christopher Gort, Edmonton  
 Robert James Graham, Olds  
 Earl Lawrence Gray, Strathmore  
 Kenneth Barry Halliwell, Calgary  
 Burckhard Werner Hantel, Edmonton  
 Leonard William Henry Hudson,  
 Edmonton  
 Rudy Kaethler, Edmonton  
 James Victor Kay, Blackfoot



John Scott Kestner, Edmonton  
 Albert John Langard, Didsbury  
 Richard Henry Lathwell, Edmonton  
 Bryan Kenneth McKay, Edmonton  
 Wayne Joseph Marek, Provost  
 Fred Leroy Milke, Edmonton  
 Ross Lance Morton, Saskatchewan  
 Raymond Alfred Nerland, Calgary  
 Gerald Alfred Ohrt, Saskatchewan  
 Kenneth Marshall Palamarek, Edmonton

Sylvester Petryk, Atmore  
 Armin Peter Petzold, Edmonton  
 Frederick William Pheasey, Edmonton  
 John Grant Rae, Picture Butte  
 John David Scott, Vermilion  
 Douglas Keith Thompson, Pincher Creek  
 Philip John Unland, Westeros  
 Richard Harris Waring, Edmonton  
 Jack Carlyle Watson, Coronation  
 Stephen Yewchuk, Edmonton

### *Admitted to the Degree of Bachelor of Science in Metallurgical Engineering*

Gary Wayne Dallin, Edmonton  
 Michael William Edwards, Edmonton  
 Irvin Robert Gottschlich, Edmonton  
 Reginald Thor Hamilton, Edmonton  
 Wayne Lloyd Rosser, Edmonton

William Murray Saunders, Edmonton  
 Wilfred Jack Shaw, Medicine Hat  
 Eric Henry Shelton, Edmonton  
 Gary Arthur Webster, Edmonton  
 James Brian Wetterberg, Edmonton

### *Admitted to the Degree of Bachelor of Science in Petroleum Engineering*

Raman Durlabhbhai Valji Patel, India

### *Admitted to the Degree of Bachelor of Commerce*

*Candidates presented by Professor H. Harries,  
 Dean of the Faculty of Business Administration and Commerce*

George Geoffrey Abram, Edmonton  
 Donald Wayne Albert, Edmonton  
 Allan Robert Alford, Manitoba  
 Gary Edward Bacon, Westlock  
 James Patrick Banks, Edmonton  
 David Ewart Blacklock, Edmonton  
 Percy Ross Bradford, Edmonton  
 Lyle Irwin Brown, Edmonton  
 Hugh Lewis Edward Chamberlain,  
 British Columbia  
 Brian Thomas Chard, Edmonton  
 Lawrence Peter Chiclo, Edmonton  
 Henry Cieszynski, Edmonton  
 Robert Layton Compton, Edmonton  
 James Allen Dabbs, Edmonton  
 Roy Sheridan Danielson, Diamond City  
 Barry Edwin Dewes, Calgary  
 Morris Benjamin Draper, Edmonton  
 Brian Stuart Ekstrom, Calgary  
 Brian Philip Eldridge, Calgary  
 Gordon Campbell Elliott, Edmonton  
 Oliver Kent Elliott, British Columbia  
 John Allen Evans, Lundbreck  
 Robert Allan Farmer, Edmonton  
 Eric Feigel, Edmonton  
 Ross Toshio Fujino, Coaldale  
 Donald George Arthur Gardner,  
 Edmonton  
 Norman Keith Giles, Edmonton  
 Bryce Gordon Harper, Edmonton  
 Gilbert Alfred Heise, Edmonton  
 Robert Michael Heise, Edmonton  
 Horace Helbrecht, Edmonton  
 Kenneth Wayne Heywood, Edmonton  
 Robert William Hood, Edmonton  
 Robert Joseph Hoogendoorn, Edmonton  
 Gordon William Howard, Edmonton  
 Walter Cuthbert Huckvale, Fort MacLeod  
 Joseph Thomas Andre Hutton, Edmonton

Robert Gordon Ingram, Edmonton  
 Joseph Peter Izzio, Edmonton  
 Warren James Jarvis, Westlock  
 Ronald Edward Johnston, Calgary  
 Ernest Fred Kasawal, Edmonton  
 Donald Jack Leslie Keech, Edmonton  
 Kenneth Gordon Keller, Edmonton  
 Troy Toyoshi Kinoshita, Lethbridge  
 Maurice Kishiuchi, Edmonton  
 Melvin Kletke, Millet  
 Harold Knopke, Edmonton  
 Edward Eugene Kolewaski, Wainwright  
 Harrison Albert Langston, Edmonton  
 Robert David Langston, Edmonton  
 Marilyn Read Lawson, Calgary  
 Alexander Kane Lewoniuk, Gunn  
 Thomas Edward Lloyd, Edmonton  
 Hugh Richard Lynch-Staunton,  
 Lundbreck  
 Brian Charles McAdam, Edmonton  
 Duncan Russell McAmmond, Edmonton  
 Allan Wayne McDonald, Calgary  
 Wayne Maurice Maier, Calgary  
 Keith Wayne Malcolm, Edmonton  
 Robert Douglas Manley, Edmonton  
 Dennis Joseph Melnyk, Edmonton  
 John Louis Millward, Calgary  
 Bruce Walter Nagel, Calgary  
 John Kenneth Nicholl, Edmonton  
 Eric Lipsey Nielsen, Calgary  
 Robert Bruce Nimmon, Edmonton  
 Gerald Davey Olinyk, Edmonton  
 Kenneth Leslie Payne, Calgary  
 Wayne Martin Pendleton, Edmonton  
 Melvin George Poole, Carbon  
 Edward Lance Ramsay, Edmonton  
 Larry Norman Robins, Edmonton  
 Nap Ruzesky, Edmonton  
 James Edward Ryckman, Hanna



Robert John Sadownick, Calgary  
Robert James Henry Sanderman,  
Edmonton  
Robert Wayne Saunders, Edmonton  
Arthur Andrew Sereda, Calmar  
James Kemal Side, Edmonton  
Robert Harold Simmermon, Edmonton  
Kenneth Ronald Sivertsen, Edmonton  
Russell Charles Smart, Calgary  
Lawrence John Sobie, Edmonton  
Maurice Ernest Sokulski, Clover Bar

Richard Sydney Stott, Edmonton  
Thomas Andrew Sydnies, Peace River  
Edward Emil Timoffee, Edmonton  
Leslie Albert Todd, Michichi  
Derek Paul Truswell, Edmonton  
Thomas Ross Vant, Edmonton  
Gary Albert Voss, Camrose  
Arthur Roy Wedin, Ponoka  
Eric Aaron Weil, Edmonton  
Donald MacLean Whidden, Edmonton  
Terrance Gordon Wright, Edmonton

*Admitted to the Degree of Bachelor of Science in Household Economics*

*Candidates presented by Professor E. L. Empey,  
Director of the School of Household Economics*

Gail Maria Baxter, Crossfield  
Edith Marion Blades, Ohaton  
Gloria Joan Braybrook, Calgary  
Marilyn Linda Capjack, Edmonton  
Marilyn Annette Darch, Edmonton  
Joan Elizabeth Gilchrist, Edmonton  
Jeri Allene Harris, Edmonton  
Vickie-Lynn Heath, Edmonton  
Donna-Mae Howden, Edmonton  
Margo Eunice Johnston, St. Albert  
Elaine Klipper, Edmonton

Gail Frances McCloskey, Calgary  
Carol Edith McManus, Calgary  
Elizabeth Vera Markle, Edmonton  
Vivian Marlene Neufeld, British Columbia  
Kathleen Parliament, Edmonton  
Iris Joan Semeniuk, Willingdon  
Doreen Lorraine Strynadka, Willingdon  
Irene Helen Warnick, Edmonton  
Sherrin Delaine Wasson, Edmonton  
Diane Josephine Webster, British Columbia  
Phyllis Anne Woodford, Warner



# Diplomas

The General Faculty Council of the University has also approved the award of diplomas to the following students who do not attend Convocation.

## MUSIC

### *Associate Diploma in Music*

- John Edward Butler (Piano-performer, first class honors), Edmonton  
Sandra Frances Carruthers (Piano-teacher, honors), Edmonton  
Cecilia Elizabeth Dencer (Piano-teacher, honors), Edmonton  
Wilmer John Fawcett (Double-Bass-performer, first class honors), Edmonton  
Gay Loveve Gray (Piano-teacher, pass)  
(Singing-teacher, pass), Lethbridge  
Ethel Kathleen Johanson (Singing-teacher, honors), Red Deer  
Jennifer Adelle Kilborn (Piano-performer, honors), Edmonton  
Patricia Evelyn Lynkowsky (Piano-performer, honors), Myrnam  
Vernon Harold Murgatroyd (Piano-teacher, honors), Red Deer  
Marlene Sissel Nepstad (Piano-performer, first class honors), Valhalla Centre  
Glenda Bernice Patterson (Piano-performer, first class honors), Tofield  
Nicholas George Pulos (Viola-performer, first class honors), Edmonton



# PROFESSIONAL CERTIFICATION

## CERTIFICATES OF POSTGRADUATE QUALIFICATION IN MEDICINE

### *Internal Medicine*

#### *Internal Medicine*

Dr. Thomas Paul Broome  
Dr. Ladimer Alexander Dushenski

Dr. David Walter Irving  
Dr. George Piasecki

#### *Psychiatry*

Dr. Sydney Catterall  
Dr. James Bryan Haigh

Dr. Roland Felix Lynch  
Dr. Flora (Florence) Halina Scott

#### *Paediatrics*

Dr. Ehor William Gauk

Dr. David Wilkinson

#### *Diagnostic Radiology*

Dr. Lillian Hsu Chiu Lein

Dr. Archibald Moland MacPherson

#### *Diagnostic and Therapeutic Radiology*

Dr. Hugh Fraser Morrish

#### *Anesthesia*

Dr. William Hull Cochrane  
Dr. Hugh Boyd Coulter  
Dr. George Drummond  
Dr. David Alan Gilchrist

Dr. Walter Joseph Mudry  
Dr. George Sharratt Penrose  
Dr. William Milton Pillow

#### *Pathology*

Dr. Harold Alphonsus Reynolds

Dr. Bruce Walter Mielke

#### *Physical Medicine and Rehabilitation*

Dr. Lynn Elwyn Bashow

Dr. Jessie Katherine Mary Easton

### *General Surgery*

#### *General Surgery*

Dr. Leon Daniel Dumaine  
Dr. Burns John Larson  
Dr. Traian Stoicoiu

Dr. George Wagner  
Dr. John Conway Wagner  
Dr. Czesla Wisniewski

#### *Obstetrics and Gynaecology*

Dr. James Williams Goodwin

#### *Orthopedic Surgery*

Dr. Calvin Joseph Fairbanks

#### *Plastic Surgery*

Dr. Kenneth Scott Clarke

#### *Urology*

Dr. Thomas Cyril Eid

Dr. Howard Charles Ramage

#### *Ophthalmology*

Dr. Jan Frederik Bras

#### *Rhino-otolaryngology*

Dr. Peter Richard Blenkinsop

Dr. Marvin Maurice Starko

#### *Thoracic Surgery*

Dr. Cecil Melville Couves



# CERTIFICATE OF POSTGRADUATE QUALIFICATION IN DENTISTRY

## *Orthodontics*

Dr. John S. Little

## *Prosthodontics*

Dr. Alan Douglas Fee

## AGROLOGY

NOVEMBER, 1964

Kane, Larry Charles  
Hardy, Ronald F.

Reimer, Alberta

DECEMBER, 1964

Toly, Stewart Allen

FEBRUARY, 1965

Dean, Kenneth Roy  
Furber, Ronald Henry  
Harris, Robert Ernest

Hooge, Werner  
Miller, Ronald John

## ARCHITECTURE

OCTOBER, 1964

Wawruch, Arnold Orest Frederick

DECEMBER, 1964

Sanders, John Leonard

JANUARY, 1965

Pokorny, Karel Forselles

FEBRUARY, 1965

Hondema, Auke Johan

MARCH, 1965

Eskildsen, Verne E.

Kulpa, Alfred

MAY, 1965

Kubrak, Michael Zennon

## DENTISTRY

APRIL, 1965

Schoenfeld, Seymour J.

## ENGINEERING

NOVEMBER, 1964

Bagley, Frederick Joseph  
Brown, Kenneth Edwin  
Christofferson, Keith Allan  
Cook, Roy Dennis  
Dokken, Lorne Albert  
Dubik, William Henry  
Easton, Wallace Moffat  
Fenton, Douglas Ray  
Fisher, Robert Henry  
Fleming, Stuart Reid  
Funke, George Harold  
Gagnon, Paul Martin  
Gibson, William  
Greaves, Frederick Coulson  
Gulyas, James William  
Lindberg, Dennis Arnold  
McCormick, George  
MacGorman, Donald Clayton

Martin, David Quentin Harrison  
Martin, Robert Carlo  
Mezzarobba, Elliott Joseph  
Minchin, John Archibald  
Ostapowich, Stanley  
Prather, Larry Leroy  
Quinn, Lionel A.  
Robison, Ivan Michael  
Rygh, Ross Albert  
Sanche, Leo  
Seale, James Burton  
Stelter, Clifford Reinhart  
Strong, John Michael  
Venart, James Eoin S.  
Wade, Gilbert Stanley  
Wadia, Dorab R.  
Wilson, Dean Harten



## DECEMEBR, 1964

Anderson, Gerald Kenneth  
Berbekar, Stephen  
Blair, William  
Bunn, Edmund Robert  
Cameron, Kenneth Eoin  
Cumming, Lloyd William  
Dunsire, Donald Andrew  
Englesakis, Victor Engelo  
Flewitt, William Edwin  
Grant, Patrick John  
Harding, Alden Denton  
Helfrich, Jerome Matthew  
Helton, William Dean  
Hicklin, Hugh Stephen  
Hole, John Stanley  
Humphreys, John Dillon  
Hunchak, Dmetro  
Kiernan, Allan Fredrick  
Lang, Sherman Philip

## JANUARY, 1965

Anderton, John Ernest  
Begg, Gary Melvin  
Berry, Cameron George  
Brineman, John H.  
Brown, Edward Dennis  
Burns, David Ashworth  
Clements, Bryan Bygrave  
Cowper, Norman William  
DeBruyn, Hendrik Dick  
Elfner, Donald Gail  
Fitzgeorge, Harold J.  
Furse, F. Glen  
Gavora, John Stephen  
Gerritsen, William Henry  
Greenwell, Howard Eugene  
Harris, J. Richard  
Hilton, Philip Herbert  
Jensen, Dennis Arden

## FEBRUARY, 1965

Cook, Victor Barry  
Duffy, Richard Gail  
Elder, Peter William  
Ferguson, Donald Randall  
Gower, Leonard Elvin  
Hollingshead, Garry Wood  
Hugo, James Francis  
Johnson, Robert Anthony  
Lazier, Thomas Alston  
MacDonald, James Smith  
Meek, K. S. C.  
Montgomery, Glen Dale  
Nikiforuk, Dennis Allan

## MARCH, 1965

Angus, William Roger  
Barnett, David William  
Beynon, David Edwin  
Brown, James Alfred  
Deagle, Dennis Myles  
Disturnal, Richard Clifford  
French, Donald Arthur  
Grant, David Byron

Lintz, John Bernard  
MacKenzie, Franklin Robinson  
Marshall, Donald John Blake  
Marshall, Melvyn Charles  
Mather, Alan Edward  
Maynard, Robert James  
Peach, Donald Robinson  
Pugh, Geoffrey Earnest  
Roed, Murray Anderson  
Root, Leon Burt  
Smith, David William  
Stagg, Roger Keith  
Taskinen, Aleks  
Tod, John Alpine  
Virtue, William Wright  
Wilsey, Richard Howard  
Wiltshire, James Albert  
Witzke, William Eldon

Kanik, Ted  
Lemcke, Harold Russel  
Levorsen, Lorren Kenneth  
Loven, John Warner  
Manning, John  
Nickersen, Frank Austin  
Ruddock, William Marson  
Russell, Douglas Dewar  
Shayna, Michael  
Tharin, John  
Trimble, Robert Brian  
Webster, Donald Bremner  
Weeks, Charles William  
Wegenast, William Gordon  
Weir, Frederick Vicars  
Wilimon, Gordon James  
Wylie, David Mansel

Nichols, Donald Lee  
Rudkin, Raymond Alan  
Rogers, John Wilson  
Schaeble, Dieter  
Schlaak, Raymond Clarence  
Shefsky, David Earl  
Spencer, John Garry  
Trimble, Willard Grant  
Wentink, Joost Jan  
Worobey, Walter Alfred  
Yorston, Harry Donald  
Walker, George Brown

Hnatiuk, John  
Hooge, Helmut Harry  
Howard, David E.  
Kerr, Hugh Allan  
Knebles, John Joseph, Jr.  
Koncohrada, Romanus  
Kostyniuk, Allan Joseph  
Lucas, Geoffrey Owen



Majocha, Frederick Victor  
 McGeachie, William James  
 Moisey, Zenith Raymond  
 Morrison, Edward Milton  
 Rea, William McCormick  
 Sadiq, Shehzad  
 Sevick, Leonard Charles

Tough, Donald Lander  
 Whittaker, John Dean  
 Wilson, Michael Grandy  
 Wilson, Vern O. C.  
 Wong, (Douglas) Tong Him  
 Yolles, Morden Saul

#### APRIL, 1965

Bothwell, Neville Frederick  
 Brady, William Blake  
 Calvert, James Leslie  
 Chenosky, Raymond Johnstone  
 Clarke, Bertram John  
 Clinton, Sam J.  
 Collinge, Harry Knight  
 Dexter, Terence George  
 Drummond, Glen Russell  
 Forrest, Robert Stuart  
 Frank, Halfdan  
 Fraser, Alistair Mearns  
 Geddes, Dean Parker  
 Glowach, Joseph Allen  
 Harper, Leonard Henry  
 Hleck, Harry Martin  
 Jubb, William Molyneaux  
 Karamihas, Michael John  
 Liland, Bertel Leroy  
 Marika, William Patrick  
 Martin, John

Maxwell, John Joseph  
 McKenzie, William Henry  
 McLean, A. Murray  
 McMullen, John Jeffs  
 Neufeld, Alfred Harold  
 O'Connor, Thomas Peter  
 Paynter, William Charles  
 Penzes, Stephen  
 Petersen, Paul Erik  
 Quinlan, Robert Anthony  
 Raugust, Cliff Arthur  
 Robson, David Bowlby  
 Scrimes, Walter Robert  
 Stoddard, Kent Junior  
 Thurm, Roy Frank  
 Unroe, Denis R.  
 Wagner, Darryl Ernest  
 Wallbridge, Donald David  
 Whittingham, Thomas Walter  
 Wilson, Robert Andrew  
 Wishart, Donald M.

#### ALBERTA LAND SURVEYING

#### MAY, 1965

Allred, George K.  
 Bishop, Barry Reid

Engler, Hugo C.  
 Hittel, Alexander

#### OCTOBER, 1964

Dierker, Joseph John  
 Funduk, Michael

Henders, Gerald Robert  
 Mooney, Patrick Gordon

#### FEBRUARY, 1965

Casson, Hubert Benjamin  
 Coughlan, Emmett Joseph  
 Mosychuk, Nick

O'Neil, Ronald Hugh  
 Pricejones, Kenneth  
 Wintermute, William Melbourne

#### JANUARY, 1965

Archer, Sharon Elaine  
 Barford, Judith L.  
 Barthel, Betty Marilyn  
 Bienert, Janet C. L.  
 Bischoff, Lorraine E.  
 Bonertz, Anna Mae  
 Boyd, Denise Greta  
 Brown, Margaret T.  
 Burry, Corrine S.  
 Burman, Charlotte B.  
 Callaghan, Patty L.  
 Cameron, Marilyn A.  
 Campbell, Winona A.  
 Chahley, Judie Kelba  
 Clement, Waltraud  
 Coady, Jacqueline M.  
 Collett, Sheila Rose

#### NURSING

Cook, Kathleen Ann  
 Cooper, Karen Mary  
 Craig, Margaret Dick  
 Daigle, Alice Alvina  
 Dennis, Lyllia E.  
 De Young, Cheryl V.  
 Duholke, Sharron Gail  
 Eagle, Janet Johnson  
 Egan, Marie Balbar  
 Endresen, Thurine A.  
 Foster, Evelyn  
 Foskett, Elizabeth A.  
 Froom, Elizabeth M.  
 Furukawa, Diane H.  
 Gehman, Elizabeth Q.  
 Gibson, Joanne Sara



Gislason, Margaret J.  
 Grant, Elizabeth M.  
 Gullekson, Shirley A.  
 Gustavson, Marilyn D.  
 Hallin, Margaret M.  
 Hamilton, Sharon E.  
 Haq, Najma  
 Harvey, Wendy  
 Henry, Margaret E.  
 Hertzog, Carol Lynn  
 Hnatuk, Evelyn Rose  
 Jacobs, Thelma M.  
 Kotkas, Frances Kay  
 Krieger, Maxine Annie  
 Langman, Jeanette C.  
 Lavalley, Carole J.  
 Law, Maureen Gail  
 Law, Mary Josephine  
 Leonovich, Genevive R.  
 Logan, Bernice House  
 Lovo, Dawnna Marie  
 Lyons, Karen Elaine  
 MacDonald, Elizabeth A.  
 Marchuk, Sophie Kaza  
 McCaffrey, Joyce G.  
 McNeill, Annie B.  
 McCalla, Nora Anne  
 McLennan, Glenda Ann  
 McCullough, Loye J.  
 Melnyk, Gloria Jean  
 Miller, Rose Ann E.  
 Miniely, Wanda Gates  
 Moore, Loretta M.

Moshawsky, Lavina  
 Oliver, Bonnie L.  
 Olson, Louise G.  
 Oschypok, Elsie F.  
 Penner, Ella Leona  
 Pitcher, Karen  
 Pohl, Erika  
 Raine, Margaret Jesse  
 Reinmann, Edith Hazel  
 Reimer, Patricia R.  
 Riggins, Gordon Dale  
 Robertson, Shirley D.  
 Rudelich, Marilyn S.  
 Salyda, Helen Susan  
 Sampert, Carol Linda  
 Schetzle, Sharon M.  
 Shaw, Judith E.  
 Shiel, Sally Anita  
 Smith, Marion Sauers  
 Smith, Helen Diane  
 Stephens, Joan M.  
 Stinchcombe, Vivian H.  
 Strankman, Sharon L.  
 Strand, Karen Elizabeth  
 Van Dyke, Geraldine P.  
 Voloshin, Renee Kisil  
 Wardle, Elizabeth L.  
 White, Marjorie Anne  
 William, Joyce M.  
 Wilchak, Noreen  
 Wilson, Sandra Helen  
 Wiznowich, Diane Lee  
 Wong, Constance

## PHARMACY

OCTOBER, 1964  
 Woodward, Thomas William

FEBRUARY, 1965  
 Pickering, Edean Ann

MARCH, 1965  
 Dallow, William Ronald

MAY, 1965  
 Krivoshen, Norman Fredrick

Zimmer, Ronald Joseph

McKinley, Raymond Douglas

## PSYCHOLOGY

NOVEMBER, 1964  
 Dannemaier, William Deal

Scott, Alvin Glen

JANUARY, 1965  
 Davidson, Park Olof

## VETERINARY MEDICINE

OCTOBER, 1964  
 Du Preez, Jan Hermanus

NOVEMBER, 1964  
 Hobbs, Richard Dean

DECEMBER, 1964  
 Ahrens, Philip John

MARCH, 1965  
 Ashcroft, Roy Alston

APRIL, 1965  
 Tanner, John Alexander















